



IFWO

RAW SEQUENCE LISTING

DATE: 08/20/2004

PATENT APPLICATION: US/10/766,317

TIME: 11:08:00

Input Set : A:\33828-US.ST25.txt

Output Set: N:\CRF4\08202004\J766317.raw

3 <110> APPLICANT: Marinkovich, M. Peter
 5 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING SQUAMOUS CELL
 CARCINOMA

7 <130> FILE REFERENCE: 33828/US/RFT/RMS

9 <140> CURRENT APPLICATION NUMBER: US 10/766,317

10 <141> CURRENT FILING DATE: 2004-01-27

12 <160> NUMBER OF SEQ ID NOS: 24

14 <170> SOFTWARE: PatentIn version 3.2

16 <210> SEQ ID NO: 1

17 <211> LENGTH: 5433

18 <212> TYPE: DNA

19 <213> ORGANISM: Homo sapiens

21 <400> SEQUENCE: 1

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220 Ser Gln Leu Gln Ala Ser Tyr Val Glu Phe Arg Pro Ser Gln Gly Cys
221 35 40 45
224 Ser Pro Gly Tyr Tyr Arg Asp His Lys Gly Leu Tyr Thr Gly Arg Cys
225 50 55 60
228 Val Pro Cys Asn Cys Asn Gly His Ser Asn Gln Cys Gln Asp Gly Ser
229 65 70 75 80
232 Gly Ile Cys Val Asn Cys Gln His Asn Thr Ala Gly Glu His Cys Glu
233 85 90 95
236 Arg Cys Gln Glu Gly Tyr Tyr Gly Asn Ala Val His Gly Ser Cys Arg
237 100 105 110
240 Ala Cys Pro Cys Pro His Thr Asn Ser Phe Ala Thr Gly Cys Val Val
241 115 120 125
244 Asn Gly Gly Asp Val Arg Cys Ser Cys Lys Ala Gly Tyr Thr Gly Thr
245 130 135 140
248 Gln Cys Glu Arg Cys Ala Pro Gly Tyr Phe Gly Asn Pro Gln Lys Phe
249 145 150 155 160
252 Gly Gly Ser Cys Gln Pro Cys Ser Cys Asn Ser Asn Gly Gln Leu Gly
253 165 170 175
256 Ser Cys His Pro Leu Thr Gly Asp Cys Ile Asn Gln Glu Pro Lys Asp
257 180 185 190
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261 195 200 205
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265 210 215 220
268 Ser Gln Leu Gln Gly Leu Ser Ala Ser Ala Gly Leu Leu Glu Gln Met
269 225 230 235 240
272 Arg His Met Glu Thr Gln Ala Lys Asp Leu Arg Asn Gln Leu Leu Asn
273 245 250 255
276 Tyr Arg Ser Ala Ile Ser Asn His Gly Ser Lys Ile Glu Gly Leu Glu

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281          275          280          285
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285          290          295          300
288 Arg Ala Thr Gln Ser Ala Lys Glu Leu Asp Val Lys Ile Lys Asn Val
289 305          310          315          320
292 Ile Arg Asn Val His Ile Leu Leu Lys Gln Ile Ser Gly Thr Asp Gly
293          325          330          335
296 Glu Gly Asn Asn Val Pro Ser Gly Asp Phe Ser Arg Glu Trp Ala Glu
297          340          345          350
300 Ala Gln Arg Met Met Arg Glu Leu Arg Asn Arg Asn Phe Gly Lys His
301          355          360          365
304 Leu Arg Glu Ala Glu Ala Asp Lys Arg Glu Ser Gln Leu Leu Leu Asn
305          370          375          380
308 Arg Ile Arg Thr Trp Gln Lys Thr His Gln Gly Glu Asn Asn Gly Leu
309 385          390          395          400
312 Ala Asn Ser Ile Arg Asp Ser Leu Asn Glu Tyr Glu Ala Lys Leu Ser
313          405          410          415
316 Asp Leu Arg Ala Arg Leu Gln Glu Ala Ala Ala Gln Ala Lys Gln Ala
317          420          425          430
320 Asn Gly Leu Asn Gln Glu Asn Glu Arg Ala Leu Gly Ala Ile Gln Arg
321          435          440          445
324 Gln Val Lys Glu Ile Asn Ser Leu Gln Ser Asp Phe Thr Lys Tyr Leu
325          450          455          460
328 Thr Thr Ala Asp Ser Ser Leu Leu Gln Thr Asn Ile Ala Leu Gln Leu
329 465          470          475          480
332 Met Glu Lys Ser Gln Lys Glu Tyr Glu Lys Leu Ala Ala Ser Leu Asn
333          485          490          495
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337          500          505          510
340 Ala Gly Lys Thr Ser Leu Val Glu Glu Ala Glu Lys His Ala Arg Ser
341          515          520          525
344 Leu Gln Glu Leu Ala Lys Gln Leu Glu Glu Ile Lys Arg Asn Ala Ser
345          530          535          540
348 Gly Asp Glu Leu Val Arg Cys Ala Val Asp Ala Ala Thr Ala Tyr Glu
349 545          550          555          560
352 Asn Ile Leu Asn Ala Ile Lys Ala Ala Glu Asp Ala Ala Asn Arg Ala
353          565          570          575
356 Ala Ser Ala Ser Glu Ser Ala Leu Gln Thr Val Ile Lys Glu Asp Leu
357          580          585          590
360 Pro Arg Lys Ala Lys Thr Leu Ser Ser Asn Ser Asp Lys Leu Leu Asn
361          595          600          605
364 Glu Ala Lys Met Thr Gln Lys Lys Leu Lys Gln Glu Val Ser Pro Ala
365          610          615          620
368 Leu Asn Asn Leu Gln Gln Thr Leu Asn Ile Val Thr Val Gln Lys Glu
369 625          630          635          640
372 Val Ile Asp Thr Asn Leu Thr Thr Leu Arg Asp Gly Leu His Gly Ile
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384 Ile Gln Thr Asp Val Glu Arg Ile Lys Asp Thr Tyr Gly Arg Thr Gln
385          690          695          700
388 Asn Glu Asp Phe Lys Lys Ala Leu Thr Asp Ala Asp Asn Ser Val Asn
389 705          710          715          720
392 Lys Leu Thr Asn Lys Leu Pro Asp Leu Trp Arg Lys Ile Glu Ser Ile
393          725          730          735
396 Asn Gln Gln Leu Leu Pro Leu Gly Asn Ile Ser Asp Asn Met Asp Arg
397          740          745          750
400 Ile Arg Glu Leu Ile Gln Gln Ala Arg Asp Ala Ala Ser Lys Val Ala
401          755          760          765
404 Val Pro Met Arg Phe Asn Gly Lys Ser Gly Val Glu Val Arg Leu Pro
405          770          775          780
408 Asn Asp Leu Glu Asp Leu Lys Gly Tyr Thr Ser Leu Ser Leu Phe Leu
409 785          790          795          800
412 Gln Arg Pro Asn Ser Arg Glu Asn Gly Gly Thr Glu Asn Met Phe Val
413          805          810          815
416 Met Tyr Leu Gly Asn Lys Asp Ala Ser Arg Asp Tyr Ile Gly Met Ala
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421          835          840          845
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425          850          855          860
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429 865          870          875          880
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433          885          890          895
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437          900          905          910
440 Pro Glu Asn Val Val Phe Tyr Val Gly Gly Tyr Pro Pro Asp Phe Lys
441          915          920          925
444 Leu Pro Ser Arg Leu Ser Phe Pro Pro Tyr Lys Gly Cys Ile Glu Leu
445          930          935          940
448 Asp Asp Leu Asn Glu Asn Val Leu Ser Leu Tyr Asn Phe Lys Lys Thr
449 945          950          955          960
452 Phe Asn Leu Asn Thr Thr Glu Val Glu Pro Cys Arg Arg Arg Lys Glu
453          965          970          975
456 Glu Ser Asp Lys Asn Tyr Phe Glu Gly Thr Gly Tyr Ala Arg Val Pro
457          980          985          990
460 Thr Gln Pro His Ala Pro Ile Pro Thr Phe Gly Gln Thr Ile Gln Thr
461          995          1000          1005
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465          1010          1015          1020
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